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RAW SEQUENCE LISTING

DATE: 04/23/2002

PATENT APPLICATION: US/10/083,894

TIME: 10:55:50

Input Set : N:\Crf3\RULE60\10083894.raw

Output Set: N:\CRF3\04232002\J083894.raw

SEQUENCE LISTING

3 (1) GENERAL INFORMATION:

5 (i) APPLICANT: Brown, Michael S.
6 Goldstein, Joseph L.
7 Reiss, Yuval

9 (ii) TITLE OF INVENTION: METHODS AND COMPOSITIONS FOR THE
10 IDENTIFICATION, CHARACTERIZATION, AND INHIBITION OF
11 FARNESYL PROTEIN TRANSFERASE

13 (iii) NUMBER OF SEQUENCES: 52

15 (iv) CORRESPONDENCE ADDRESS:

16 (A) ADDRESSEE: Arnold, White & Durkee
17 (B) STREET: P. O. Box 4433
18 (C) CITY: Houston
19 (D) STATE: Texas
20 (E) COUNTRY: USA
21 (F) ZIP: 77210

23 (v) COMPUTER READABLE FORM:

24 (A) MEDIUM TYPE: Floppy disk
25 (B) COMPUTER: IBM PC compatible
26 (C) OPERATING SYSTEM: PC-DOS/MS-DOS
27 (D) SOFTWARE: PatentIn Release #1.0, Version #1.25

29 (vi) CURRENT APPLICATION DATA:

C--> 30 (A) APPLICATION NUMBER: US/10/083,894
C--> 31 (B) FILING DATE: 27-Feb-2002
47 (C) CLASSIFICATION: UNKNOWN

44 (vii) PRIOR APPLICATION DATA:

35 (A) APPLICATION NUMBER: US/07/937,893
36 (B) FILING DATE: 18-APR-1991
40 (A) APPLICATION NUMBER: US 07/615,713
41 (B) FILING DATE: 20-NOV-1990
45 (A) APPLICATION NUMBER: US 07/510,706
46 (B) FILING DATE: 18-APR-1990

C--> 57 (A) APPLICATION NUMBER: NOT APPLICABLE

C--> 60 (B) FILING DATE:

49 (viii) ATTORNEY/AGENT INFORMATION:

50 (A) NAME: Parker, David L.
51 (B) REGISTRATION NUMBER: 32,165
52 (C) REFERENCE/DOCKET NUMBER: UTSD:249/PAR

54 (ix) TELECOMMUNICATION INFORMATION:

55 (A) TELEPHONE: 512-320-7200
56 (B) TELEFAX: 512-474-7577

60 (2) INFORMATION FOR SEQ ID NO: 1:

62 (i) SEQUENCE CHARACTERISTICS:

ENTERED

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63      (A) LENGTH: 25 amino acids
64      (B) TYPE: amino acid
65      (C) STRANDEDNESS: single
66      (D) TOPOLOGY: linear
68      (ii) MOLECULE TYPE: peptide
71      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 1:
73      Arg Ala Glu Trp Ala Asp Ile Asp Pro Val Pro Gln Asn Asp Gly Pro
74      1          5          10          15
76      Ser Pro Val Val Gln Ile Ile Tyr Ser
77      20          25
80 (2) INFORMATION FOR SEQ ID NO: 2:
82      (i) SEQUENCE CHARACTERISTICS:
83          (A) LENGTH: 16 amino acids
84          (B) TYPE: amino acid
85          (C) STRANDEDNESS: single
86          (D) TOPOLOGY: linear
88      (ii) MOLECULE TYPE: peptide
90      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 2:
92      Asp Ala Ile Glu Leu Asn Ala Ala Asn Tyr Thr Val Trp His Phe Arg
93      1          5          10          15
96 (2) INFORMATION FOR SEQ ID NO: 3:
98      (i) SEQUENCE CHARACTERISTICS:
99          (A) LENGTH: 8 amino acids
100         (B) TYPE: amino acid
101         (C) STRANDEDNESS: single
102         (D) TOPOLOGY: linear
104      (ii) MOLECULE TYPE: peptide
106      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 3:
108      Asn Tyr Gln Val Trp His His Arg
109      1          5
112 (2) INFORMATION FOR SEQ ID NO: 4:
114      (i) SEQUENCE CHARACTERISTICS:
115          (A) LENGTH: 12 amino acids
116          (B) TYPE: amino acid
117          (C) STRANDEDNESS: single
118          (D) TOPOLOGY: linear
120      (ii) MOLECULE TYPE: peptide
122      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 4:
124      His Phe Val Ile Ser Asn Thr Thr Gly Tyr Ser Asp
125      1          5          10
128 (2) INFORMATION FOR SEQ ID NO: 5:
130      (i) SEQUENCE CHARACTERISTICS:
131          (A) LENGTH: 7 amino acids
132          (B) TYPE: amino acid
133          (C) STRANDEDNESS: single
134          (D) TOPOLOGY: linear
136      (ii) MOLECULE TYPE: peptide
138      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 5:
140      Val Leu Val Glu Trp Leu Lys

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141      1          5
144 (2) INFORMATION FOR SEQ ID NO: 6:
146   (i) SEQUENCE CHARACTERISTICS:
147       (A) LENGTH: 13 amino acids
148       (B) TYPE: amino acid
149       (C) STRANDEDNESS: single
150       (D) TOPOLOGY: linear
152   (ii) MOLECULE TYPE: peptide
154   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 6:
156   Leu Val Pro His Asn Glu Ser Ala Trp Asn Tyr Leu Lys
157      1          5          10
160 (2) INFORMATION FOR SEQ ID NO: 7:
162   (i) SEQUENCE CHARACTERISTICS:
163       (A) LENGTH: 20 amino acids
164       (B) TYPE: amino acid
165       (C) STRANDEDNESS: single
166       (D) TOPOLOGY: linear
168   (ii) MOLECULE TYPE: peptide
170   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 7:
172   Ala Tyr Cys Ala Ala Ser Val Ala Ser Leu Thr Asn Ile Ile Thr Pro
173      1          5          10          15
175   Asp Leu Phe Glu
176          20
179 (2) INFORMATION FOR SEQ ID NO: 8:
181   (i) SEQUENCE CHARACTERISTICS:
182       (A) LENGTH: 8 amino acids
183       (B) TYPE: amino acid
184       (C) STRANDEDNESS: single
185       (D) TOPOLOGY: linear
187   (ii) MOLECULE TYPE: peptide
189   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 8:
191   Leu Gln Tyr Leu Ser Ile Ala Gln
192      1          5
195 (2) INFORMATION FOR SEQ ID NO: 9:
197   (i) SEQUENCE CHARACTERISTICS:
198       (A) LENGTH: 7 amino acids
199       (B) TYPE: amino acid
200       (C) STRANDEDNESS: single
201       (D) TOPOLOGY: linear
203   (ii) MOLECULE TYPE: peptide
205   (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 9:
207   Leu Leu Gln Trp Val Thr Ser
208      1          5
211 (2) INFORMATION FOR SEQ ID NO: 10:
213   (i) SEQUENCE CHARACTERISTICS:
214       (A) LENGTH: 23 amino acids
215       (B) TYPE: amino acid
216       (C) STRANDEDNESS: single
217       (D) TOPOLOGY: linear

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219      (ii) MOLECULE TYPE: peptide
221      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 10:
223      Ile Gln Ala Thr Thr His Phe Leu Gln Lys Pro Val Pro Gly Phe Glu
224      1             5             10             15
226      Glu Cys Glu Asp Ala Val Thr
227      20
230 (2) INFORMATION FOR SEQ ID NO: 11:
232      (i) SEQUENCE CHARACTERISTICS:
233          (A) LENGTH: 9 amino acids
234          (B) TYPE: amino acid
235          (C) STRANDEDNESS: single
236          (D) TOPOLOGY: linear
238      (ii) MOLECULE TYPE: peptide
240      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 11:
242      Ile Gln Glu Val Phe Ser Ser Tyr Lys
243      1             5
246 (2) INFORMATION FOR SEQ ID NO: 12:
248      (i) SEQUENCE CHARACTERISTICS:
249          (A) LENGTH: 4 amino acids
250          (B) TYPE: amino acid
251          (C) STRANDEDNESS: single
252          (D) TOPOLOGY: linear
254      (ii) MOLECULE TYPE: peptide
256      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 12:
258      Cys Val Leu Met
259      1
262 (2) INFORMATION FOR SEQ ID NO: 13:
264      (i) SEQUENCE CHARACTERISTICS:
265          (A) LENGTH: 4 amino acids
266          (B) TYPE: amino acid
267          (C) STRANDEDNESS: single
268          (D) TOPOLOGY: linear
270      (ii) MOLECULE TYPE: peptide
272      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 13:
274      Cys Cys Val Gln
275      1
278 (2) INFORMATION FOR SEQ ID NO: 14:
280      (i) SEQUENCE CHARACTERISTICS:
281          (A) LENGTH: 4 amino acids
282          (B) TYPE: amino acid
283          (C) STRANDEDNESS: single
284          (D) TOPOLOGY: linear
286      (ii) MOLECULE TYPE: peptide
288      (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 14:
290      Cys Ile Ile Cys
291      1
294 (2) INFORMATION FOR SEQ ID NO: 15:
296      (i) SEQUENCE CHARACTERISTICS:
297          (A) LENGTH: 4 amino acids

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298 (B) TYPE: amino acid
299 (C) STRANDEDNESS: single
300 (D) TOPOLOGY: linear
302 (ii) MOLECULE TYPE: peptide
304 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 15:
306 Cys Ile Ile Ser
307 1
310 (2) INFORMATION FOR SEQ ID NO: 16:
312 (i) SEQUENCE CHARACTERISTICS:
313 (A) LENGTH: 4 amino acids
314 (B) TYPE: amino acid
315 (C) STRANDEDNESS: single
316 (D) TOPOLOGY: linear
318 (ii) MOLECULE TYPE: peptide
320 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 16:
322 Cys Val Ile Ser
323 1
326 (2) INFORMATION FOR SEQ ID NO: 17:
328 (i) SEQUENCE CHARACTERISTICS:
329 (A) LENGTH: 4 amino acids
330 (B) TYPE: amino acid
331 (C) STRANDEDNESS: single
332 (D) TOPOLOGY: linear
334 (ii) MOLECULE TYPE: peptide
336 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 17:
338 Cys Val Leu Ser
339 1
342 (2) INFORMATION FOR SEQ ID NO: 18:
344 (i) SEQUENCE CHARACTERISTICS:
345 (A) LENGTH: 4 amino acids
346 (B) TYPE: amino acid
347 (C) STRANDEDNESS: single
348 (D) TOPOLOGY: linear
350 (ii) MOLECULE TYPE: peptide
352 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 18:
354 Cys Val Ile Ala
355 1
358 (2) INFORMATION FOR SEQ ID NO: 19:
360 (i) SEQUENCE CHARACTERISTICS:
361 (A) LENGTH: 4 amino acids
362 (B) TYPE: amino acid
363 (C) STRANDEDNESS: single
364 (D) TOPOLOGY: linear
366 (ii) MOLECULE TYPE: peptide
368 (xi) SEQUENCE DESCRIPTION: SEQ ID NO: 19:
370 Cys Val Ile Leu
371 1
374 (2) INFORMATION FOR SEQ ID NO: 20:
376 (i) SEQUENCE CHARACTERISTICS:

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/083,894

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TIME: 10:55:51

Input Set : N:\Crf3\RULE60\10083894.raw

Output Set: N:\CRF3\04232002\J083894.raw

L:30 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:31 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:57 M:220 C: Keyword misspelled or invalid format, [(A) APPLICATION NUMBER:]
L:60 M:220 C: Keyword misspelled or invalid format, [(B) FILING DATE:]
L:749 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=43
L:780 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=45
L:795 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=46
L:810 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=47
L:825 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=48
L:840 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=49
L:855 M:246 W: Invalid value of Alpha Sequence Header Field, [MOLECULE TYPE:], SeqNo=50